

Title (en)
STRUCTURED PARTICLES COMPRISING ALKOXYLATED POLYALKYLELEIMINE, AND GRANULAR LAUNDRY DETERGENT COMPRISING PARTICLES

Title (de)
STRUKTURIERTE TEILCHEN MIT ALKOXYLIERTEM POLYALKYLELEIMIN UND KÖRNIGES WASCHMITTEL MIT PARTIKELN

Title (fr)
PARTICULES STRUCTURÉES COMPRENANT UNE POLYALKYLÈNE-IMINE ALCOXYLÉE, ET DÉTERGENT GRANULAIRE POUR LA LESSIVE COMPRENANT CES PARTICULES

Publication
EP 3167039 A1 20170517 (EN)

Application
EP 14897042 A 20140711

Priority
CN 2014082035 W 20140711

Abstract (en)
[origin: WO2016004617A1] Structured particles suitable for use in granular laundry detergent compositions which contain an alkoxyated polyalkyleneimine in combination with a water soluble alkali metal carbonate and silica are provided. The composition contains little or no surfactant.

IPC 8 full level
C11D 7/32 (2006.01)

CPC (source: EP US)
C11D 3/0026 (2013.01 - EP US); **C11D 3/046** (2013.01 - EP US); **C11D 3/10** (2013.01 - EP US); **C11D 3/124** (2013.01 - EP US); **C11D 3/3723** (2013.01 - EP US); **C11D 7/32** (2013.01 - US); **C11D 17/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2016004617A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016004617 A1 20160114; CN 106488977 A 20170308; CN 106488977 B 20190416; EP 3167039 A1 20170517; EP 3167039 B1 20180822; MX 2017000436 A 20170501; US 2016010033 A1 20160114; US 9487737 B2 20161108; ZA 201608537 B 20181128

DOCDB simple family (application)
CN 2014082035 W 20140711; CN 201480080492 A 20140711; EP 14897042 A 20140711; MX 2017000436 A 20140711; US 201514794842 A 20150709; ZA 201608537 A 20161212